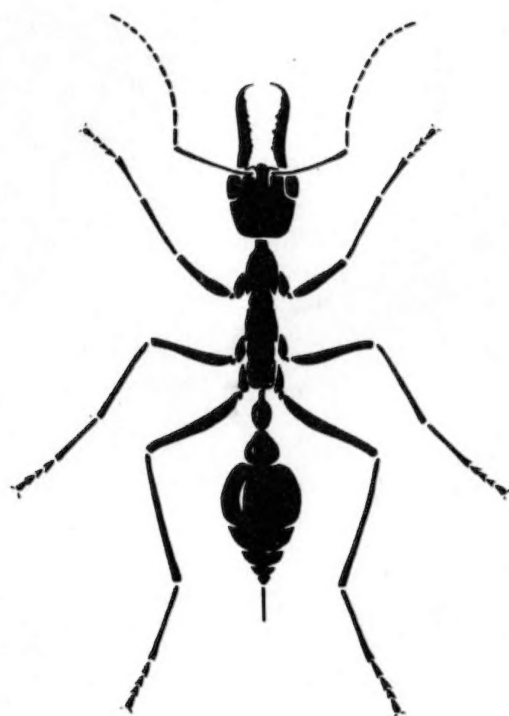


Australian Entomological Society



News Bulletin

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AUSTRALIAN ENTOMOLOGICAL SOCIETY

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Vice President:	Prof. I.W.B. Thornton
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Assistant Secretary:	Mr. P. Ridland
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	Mr. P. Ridland

REGIONAL COUNCILLORS

Queensland:	Mr. A.P. Walford-Huggins
New South Wales:	Mr. L.R. Greenup
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A.C.T.:	Dr. R.W. Taylor
	Dr. J. Harris
Victoria:	Mr. A.A. Calder
	Dr. G. Ettershank
Tasmania:	Mrs. M.A. Williams
South Australia:	Mr. G.O. Furness
Western Australia:	Dr. J.D. Majer
Papua New Guinea:	Dr. E.J. Brough

REPRESENTATIVE COUNCILLORS

Entomological Society of Queensland:	Dr. E.M. Exley
Entomological Society of Victoria:	Dr. T.R. New
Royal Zoological Society of N.S.W.:	Ms. R.V. Gunning
Entomological Society of Australia (NSW):	Dr. A.D. Clift

ADDRESS FOR CORRESPONDENCE

Society Executive }
News Bulletin Editor }

c/o Plant Research Institute
Swan Street, Burnley. Vic. 3121

ADDRESSES OF REGIONAL COUNCILLORS

- Qld. - Mr. A.P. Walford-Huggins, P.O. Box 169, Cairns,
Queensland, 4870.
- N.S.W. - Mr. L.R. Greenup, c/o 5th Floor, State Office Block,
Phillip Street, Sydney, New South Wales, 2000.
Dr. G.A.C. Beattie, 18 Fern Tree Close, Hornsby,
New South Wales, 2077.
- A.C.T. - Dr. R.W. Taylor, Division of Entomology, C.S.I.R.O.,
P.O. Box 1700, Canberra City, A.C.T., 2601.
Dr. J.A. Harris, Canberra College of Advanced
Education, P.O. Box 381, Canberra City, A.C.T. 2601.
- Vic. - Dr. G. Ettershank, Department of Zoology, Monash
University, Clayton, Victoria, 3168.
Mr. A.A. Calder, Department of Entomology, National
Museum of Victoria, 71 Victoria Crescent,
Abbotsford, Victoria, 3067.
- Tas. - Mrs. M.A. Williams, Department of Agriculture,
St. John's Avenue, New Town, Tasmania, 7008.
- S.A. - Mr. G.O. Furness, Department of Agriculture & Fisheries,
Loxton Research Centre, P.O. Box 544, Loxton,
South Australia, 5333.
- W.A. - Dr. J.D. Majer, Department of Biology, W.A. Institute
of Technology, Hayman Road, South Bentley,
Western Australia, 6102.
- P.N.G. - Dr. E.J. Brough, Biology Department, University of
Papua New Guinea, Box 4820, University P.O.,
Papua New Guinea.

EXECUTIVE REPORTMeetings:

The Executive met on 24th November and 19th December, 1978.

Membership:

Since the last Report, 3 members have been elected, and two have resigned. Total membership now stands at 573 and the geographical distribution is as follows:

NSW	126	VIC	83	TAS	23
QLD	125	SA	44	WA	24
ACT	89	PNG	20	NT	7
OVERSEAS	32				

New Members:

We extend a warm welcome to the following members:

Elected 24th November

- Mr. I.C. Campbell, Centre for Water Studies, Caulfield Institute of Technology, P.O. Box 197, East Caulfield, Victoria, 3145. Mr. Campbell is a lecturer in biology at C.I.T. He is interested in the biology of aquatic insects, particularly the Ephemeroptera.
- Mr. D.J. Ferguson, 15 Russell Crescent, Cook, A.C.T. 2614. Mr. Ferguson is a keen collector of Lepidoptera and Coleoptera.
- Dr. E.R. Sinclair, 35 Saunders Street, Indooroopilly, Queensland, 4068. Dr. Sinclair is an entomologist with D.P.I., Queensland and is interested in the population dynamics and biology of stored product insects.

Resignations:

Resignations from Dr. J. Hardman and Mr. J.R. Pippett were accepted with regret.

Change of Address: (State of previous residence in brackets)

- Dr. C. Cordingley, P.O. Box 228, Mt. Barker, South Australia, 5251. (S.A.)
- Mr. N. Forrester, 28 Warree Drive, Tamworth, New South Wales, 2340. (N.S.W.)
- Mr. K. Binnington, c/o Department of Zoology, ARC Unit Invertebrate Physiology and Biochemistry, University of Cambridge, Downing Street, Cambridge, CB2 3EJ, England. (QLD.)
- Miss I. Forno, C.S.I.R.O. Biological Control Unit, C.P. 322, Curitiba, Parana, Brazil, 80.000. (QLD.)
- Mr. L.W. Miller, 36 Bestman Avenue, Bribie Island, Queensland, 4507. (TAS.)
- Mr. N. Hudson, 1 Alyona Street, Opossum Bay, Tasmania, 7023. (TAS.)
- Mr. S. Learmonth, c/o Department of Agriculture, Kununurra, Western Australia, 6743. (W.A.)
- Dr. P. Room, C.S.I.R.O. Division of Entomology, Long Pocket Laboratories, Private Bag No. 3, Indooroopilly, Queensland, 4068. (N.S.W.)
- Dr. P.S. James, 67 Nepean Avenue, Penrith, New South Wales, 2750. (U.K.)
- Ms. M. Schneider, Department of Entomology, University of Queensland, St. Lucia, Queensland, 4067. (N.S.W.)
- Mr. G. Bedford, Unit 10, 132 Spencer Road, Cremorne, New South Wales, 2090. (N.S.W.)
- Mr. R. Straatman, 32 Maple Street, Holloways Beach, Cairns, Queensland, 4871. (QLD.)
- Mr. L. Greenup, c/o 5th Floor, State Office Block, Phillip Street, Sydney, New South Wales, 2000. (N.S.W.)

ANNUAL REPORT OF THE EXECUTIVEJanuary 1979

The Executive is pleased to present the Society's Tenth Annual Report, covering the period August 1977 to January 1979.

Executive Meetings

The Executive met on 11 occasions. The Assistant Secretary and Regional Councillors for Victoria, attended these meetings by invitation. The Business Manager (1), Dr. T.R. New (9) and Mr. R.A. Davies (1) also attended meetings by invitation.

Changes of Officer Bearers

The Secretary Dr. T.G. Amos resigned on 24th August, 1978 as a result of an unexpected increase in work load and overseas study tour. He recommended that the Assistant Secretary Dr. P. Williams take over as Secretary. This recommendation was endorsed by the Executive and confirmed by Council.

Executive Appointments

The following appointments were made by the Executive:

Assistant Secretary:	Dr. P. Williams (August 1977 - Sep. 1978) Mr. P. Ridland (appointed Sep. 1978)
News Bulletin Editor:	Dr. P. Williams and Mr. P. Ridland (appointed Sep. 1978)
Assistant Editor:	Mr. P.D. Webb
Organiser, 10 AGM:	Dr. G.A.C. Beattie
Co-ordinator, Directory of Australian Entomologists:	Mr. R.A.H. Davies

Membership

The Executive recorded with deep regret the deaths of two members:

Mr. R.A. Van Baer and Dr. J.R. Willard.

Membership of the Society has remained fairly stable. Since August 1977 there have been two losses by death and nine by resignation. During the same period 35 members were elected, and the total membership now stands at 574. This total includes three Honorary Members, 22 Retired Members and 54 Student Members.

The distribution of members by States is currently:

N.S.W.	126	VIC.	83	W.A.	24
QLD.	125	S.A.	44	N.T.	7
A.C.T.	90	TAS.	23	P.N.G.	20
Overseas	32				

Subscriptions

The Treasurer has reported that as at 24th November, 1978 there were 20 members unfinancial for 1976, 45 for 1977 and 68 for 1978.

Student Research Paper Award

It was disappointing to receive only two manuscripts which were subsequently sent to a panel of two referees. The panel was unanimous in awarding the prize to Mr. A.S. Molyneux, of Brookfield, Queensland, for a paper entitled "An investigation into the ultrastructure of the terminal sensilla on the maxillary palps of Heliothis punctigera (W.) and their possible function". Mr. Molyneux has been invited to attend the 10 AGM, and to read his paper. He will receive a small cash prize.

Miscellaneous Publications

"Directory of Australian Entomologists"

Mr. R.A.H. Davies, Co-ordinator for the Directory, reports that following discussions with the Printer the computer format for the Directory is being altered to reduce printing costs.

News Bulletin Editors' Report

In 1977 a total of 72 pages were published and in 1978 a total of 81 pages. Response from contributors has been good.

Peter Ridland has made an important contribution to the running of the News Bulletin throughout 1978 and on 22nd September, 1978 the Executive appointed him joint News Bulletin Editor.

Addressed envelopes and address labels are now prepared by Auto-type, Melbourne, for the News Bulletin and Journal respectively. After coping with initial problems of establishing this addressing system it has proved much easier to operate than methods used previously.

We wish to acknowledge the assistance given by a number of Melbourne members, notably Vince Salanitri, Steven Sexton and Ross Field, in the preparation and distribution of the Bulletin.

P. Williams & P. Ridland

Chief Editor's Report

The past two years have seen the issue of Volumes 16 and 17 of the Journal. They contained a total of 880 pages and included 138 scientific papers and notes. The Editorial Board has been broadened and extended to aid in processing the diversity and quantity of manuscripts received.

Despite a steady increase in printing costs each year, the Journal is financially viable. A greater conciseness in the papers published has contributed to this, as it enables more papers to be printed in less space. In 1979 we hope to add a new miscellaneous publication to our list, entitled "Simple Experiments with Australian Insects", it is designed to facilitate the use of insect material in biology teaching.

From Volume 17, the contents page of each issue appears in "Current Contents - Agriculture, Biology and Environmental Science".

M.J. Rice

Report of Environmental Quality Committee

The Committee has continued to hold a watching brief; there were no matters referred to it for advice or action during the year.

D.F. Waterhouse

Report of Conservation Committee

No matters were referred to the Committee by the Executive during 1977-78. Committee members have maintained surveyance of developments in the Forestry industry.

T.R. New

Treasurer's Report

The Society is in a sound financial position, total credits at 11th January, 1979 being \$16,652.87. The Business Manager will shortly require \$7,000.00 for the next issue of the Journal but this expense will be offset in part by income from subscriptions.

In accordance with the suggestion of Mr. Charles Irvine at the 9th AGM, the Society has made use of interest bearing deposits with the bank and thus increased its income.

The only matter for concern is the large amount of subscription monies outstanding, a total of \$2,560.00 for the years 1976-78.

J.R.J. French

Customs Regulation 13A

As a result of continued representations to the Minister for Science, as instructed by the 9th AGM of the Society held in Melbourne in August 1977, a meeting was arranged for August 1978 at which the Society's views on Regulation 13A could once again be put in discussion with Officers of the Department of Science and other interested organizations. Postponement of the meeting resulted in it being held in Canberra on 24th October, 1978. Those present were:

Dr. J.L. Farrands	(Chairman: Department of Science)
Prof. H.R. Wallace	(Australian Academy of Science)
Dr. J.M. Rendel	(Australian Academy of Science)
Dr. C.N. Smithers	(Australian Entomological Society)
Dr. E.N. Marks	(Australian Entomological Society)
Mr. J.L. Bannister	(Conference of Museum Directors)
Dr. A. Bartholomai	(Conference of Museum Directors)
Dr. D.F. Waterhouse	(C.S.I.R.O.)
Mr. A.W. Charles	(C.S.I.R.O.)
Mr. B.B. Free	(Department of Science)
Mr. R.S. Goleby	(Department of Science)
Mr. J. Norman	(Secretary)

As a result of the discussions it was finally agreed that the meeting recommend to the Minister that if the Minister does not wish to repeal the Regulation at this stage

- i) That a study should be conducted to attempt to determine the effectiveness of the Regulation in increasing the return of holotypes to Australia;
- ii) That there should be a review of the matter following the result of that study; and
- iii) That pending completion of that review, the guidelines should be amended as soon as possible.

In a letter dated 24th November, 1978 the President was informed that the Minister had indicated to the Senior Assistant Secretary of the Department of Science that any argument for lifting Regulation 13A should be so obvious that any detailed assessment would be unnecessary. The President was also informed that in view of this the guidelines would be reviewed and that he would shortly receive a draft of the revision. Such a revision has not been received and so cannot be presented to the 10th AGM.

Although not specifically indicating so it is clear that the Minister's decision is effectively contrary to the recommendations of the meeting and that no further assessment is to be made and no review undertaken.

C.N. Smithers

Acknowledgements

The Executive is grateful for the assistance given by various members who responded to requests for advice or assistance, and to them we offer a sincere thanks. We are particularly grateful to the New South Wales Councillor, Dr. G.A.C. Beattie, and his colleagues who carried the major burden in organizing the 10 AGM.

On behalf of the Executive

I.W.B. Thornton (Vice President)

P. Williams (Secretary)

AUSTRALIAN ENTOMOLOGICAL SOCIETY INC.Seventeenth Council MeetingFinancial Statement:General A/c (No. 901-363)

Previous balance at bank	4,311.92*
Credits: members subscriptions	0.00
	4,311.92
Interest Bearing Deposit & Interest	10,300.00
	<u>\$14,611.92</u>

(*Account No. 901-363; Statement Sheet No. 48)

Members - Subscriptions owing:

20 Members owing 1976 dues (\$300.00); 45 members owing 1977 dues (\$900.00); and 68 members owing 1978 dues (\$1,360.00).
Total dues owing = \$2,560.00 for 1976-1978.

Sustaining Associates (@ \$50.00 p.a. for associates)

Bayer	76/77/78	150.00	owing
Shell Chemicals (Aust.)	77/78	100.00	
Rohm & Haas	76/77/78	150.00	
		<u>\$400.00</u>	owing

News Bulletin Subscribers: (@ \$5.00 p.a. per Subscriber)

Papua New Guinea	78	5.00	owing
University of New England	77/78	10.00	
College Advanced Education, Wagga Wagga	77/78	10.00	
		<u>\$25.00</u>	owing

S.P. and S.A. A/c:

Previous balance	1,959.37
Interest	71.58
New Balance	\$2,030.95

Total credits @ 11/1/79 = \$16,652.87

Submitted by J.R.J. French,
Treasurer

THE AUSTRALIAN ENTOMOLOGICAL SOCIETY INC.

Minutes of Ninth Annual General Meeting held at LaTrobe University, Melbourne, on 25th August, 1977.

Opening:

The President, Dr. Elizabeth N. Marks, opened the meeting at 7.40 p.m. and welcomed members.

Apologies:

Apologies for absence were received from Prof. A.F. O'Farrell, Dr. J. Ridsdill Smith, Dr. I.M. Mackerras, Mr. G.C. Webb and Mr. R.A. Van Baer.

Attendance and Proxies:

The President (Chairman), and 30 members (Qld. 5, N.S.W. 7, A.C.T. 2, Vic. 14, S.A. 2, and two visitors). Those present held proxies for 5 members (Qld. 1, N.S.W. 2, A.C.T. 1, P.N.G. 1). Total votes: 36.

Deaths:

Members stood in silence as a mark of respect to four members who had died since the last meeting: Mr. H. Brzostowski, Prof. K. Lamb, Dr. H. Reichardt and Mr. F.A. Perkins.

Minutes of 8 Annual General Meeting:

The minutes of the 8th AGM, having been circulated to all members, were taken as read and adopted (New/Thornton). No business arose from them.

Student Research Paper Award:

The President reported that only one entry had been received; nevertheless the panel of referees were unanimous in awarding the prize to Mrs. J.A. Smith, of Queenstown, Tasmania, for a paper entitled "A study of some Tasmanian Psephenidae (Coleoptera)". In presenting the Society's cheque, Dr. Marks congratulated Mrs. Smith on her paper, and said that members looked forward to her presenting the paper at the Scientific Meeting of the Society.

Annual Report of the Executive:

The Vice-President, Prof. I.W.B. Thornton, presented the Report, and spoke briefly to it. The Executive had accepted with regret, resignations from Dr. K.L.S. Harley as Chief Editor, Dr. R.A.I. Drew as Business Manager, and Dr. G. Ettershank as Treasurer. Under the provisions of Clause 33 of the Constitution, Dr. M.J. Rice was appointed Chief Editor, Mr. J.F. Donaldson as Business Manager, and Dr. J.R.J. French as Treasurer. Although it was necessary to increase subscription rates as from 1st January, 1977, membership remained fairly stable at 550. It was again disappointing that only one entry was received for the Student Research Paper Award. Nevertheless the referees were unanimous that the Award be made, and Mrs. J.A. Smith (Tasmania) is to be congratulated on her excellent paper. Regarding Customs Regulation 13A; the Society is awaiting the decision of the Minister for Science following discussions with him on 24th June, 1977. Reporting on the progress in compiling the "Directory of Australian Entomologists", Prof. Thornton said that Mr. R.A.H. Davies, Co-ordinator for the Directory, hoped that publication would be in late 1977. On behalf of all members Prof. Thornton paid tribute to the retiring President, Dr. Elizabeth N. Marks,

for her excellent leadership of, and the considerable hard work carried out for, the Society during her Presidential term.

The Report was adopted (Hooper/Smithers).

In reply to Dr. G.H.S. Hooper regarding student status for purposes of the Society's Student Award, Prof. Thornton said that any bone fide student was eligible providing all other conditions pertaining to the Award were observed.

Treasurer's Report:

Dr. J.R.J. French presented the Report, audited Financial Statements for 1975/76 and unaudited statements for 1976/77, explaining that, the books and accounts were at the auditors and he was, therefore, unable to present audited statements for 1976/77. Ever increasing costs had necessitated an increase in subscription rates effective on 1st January, 1977. Numerous accounting difficulties had been experienced due to the difference between the membership year (January - December) and the financial year (July - June), and Dr. French suggested that consideration should be given to having the membership and financial year synchronised and operating over the same period.

The Report was adopted (French/Williams).

In reply to Mr. R.A.H. Davies, Dr. French said that costs relating to the production of the Directory had not been itemised in the financial statements and he would enquire of the Auditors that Directory expenses and income be itemised in future Financial Statements.

Mr. C.J. Irvine suggested that in view of the large sum held in a non-interest bearing account, it would be advantageous to invest some of the funds in an interest bearing account. Dr. French agreed, and said he would discuss this with the Executive and seek the advice of the Auditors.

Auditor:

It was agreed (French/Gross) that D.J. Crichton, Public Accountant, be retained as the Society's Auditor for the 1977/78 financial year.

Announcement of Office-Bearers:

The Secretary announced that one nomination had been received for each vacant position except for Regional Councillors for New South Wales, three nominations having been received for the two vacancies, and a ballot of New South Wales members had been carried out. Council had declared the following members duly elected:

President:	Dr. C.N. Smithers (Marks/Thornton)
Vice-President:	Prof. I.W.B. Thornton (New/Marshall)
Secretary:	Dr. T.G. Amos (Shelden/Williams)
Treasurer:	Dr. J.R.J. French (Morris/Rosel)
Chief Editor:	Dr. M.J. Rice (Marks/Hooper)
General Editor:	Dr. B.P. Moore (Carne/Browne)
Taxonomic Editor:	Dr. R. Domrow (Kay/Marks)
Business Manager:	Mr. J.F. Donaldson (Cantrill/Galloway)
Public Officer:	Dr. P.B. Carne (Bellas/Moore)

Regional Councillors

Victoria:	Dr. P. Williams (Amos/Morris) Mr. V. Salanitri (Williams/Amos)
A.C.T.:	Dr. M.T. Tanton (Bellas/Carne) Dr. R.W. Taylor (Bellas/Kay)
Queensland:	Mr. R.I. Storey (Bengston/Passlow) Dr. M. Bengston (Passlow/Heather)
Tasmania:	Dr. H. Elliott (Hardy/Akhurst)
S.A.:	Mr. G. Furness (Bailey/Maelzer)
P.N.G.:	Mr. D.P.A. Sands (Fenner/Stibick)
W.A.:	Dr. J.D. Majer (Bailey/Edward)
N.S.W.:	Dr. G.A.C. Beattie (Clift/Hamilton) Mr. L.R. Greenup (Forrester/Erlich)

The following appointments of Representative Councillors had been notified by the Secretary:

Entomological Society of Queensland:	Dr. E.M. Exley
Entomological Society of Victoria:	Dr. T.R. New
Entomological Society of Australia (N.S.W.);	Dr. A.D. Clift
Royal Zoological Society of N.S.W.:	(To be advised)

On behalf of members, Dr. Marks congratulated Dr. Smithers on his election as President for the ensuing term, and invited him to take the Chair. Dr. Smithers thanked Dr. Marks for the considerable work she had carried out for and on behalf of the Society during her Presidency (acclamation).

Location and Nature of 10th Annual General Meeting:

It was agreed that the 10th AGM be held in Sydney in January 1977. The executive was requested to consult with the Regional Councillors for New South Wales in arranging suitable dates and a programme for the meeting, which would include a scientific session. Dr. Marks said she hoped it would be a residential meeting. Mr. B.H. Kay indicated that it would be advantageous to have a larger scientific session, with invitational papers given by authorities in their field. Mr. Davies commented that more thought should be given to the nature of the scientific session, and suggested a semi-workshop format. Dr. M.J. Rice advocated that the scientific session should be promoted more, and certainly at least twelve months ahead. The President commented that whether or not invitations could be extended to leading authorities to present papers would depend on the availability of finance, and he doubted if the Society at present had the funds to meet the expenses of invited speakers.

Customs Regulation 13A:

At the request of the President, Dr. Marks reported on the question of Customs Regulation 13A by recalling that the seventh Annual Report recorded that the Minister for Science, Senator J.J. Webster, had asked the Academy of Science to seek to achieve a consensus recommendation for Regulation 13A from the scientific community.

The committee of the Academy examining the question had invited six entomologists and two other biologists (four 'for' and four 'against' the Regulation) to discussions at the Academy on 31st May, 1976. Five Society members (the President, Vice-President, and Drs. Kay, Mackerras and Neboiss) attended. The Academy's considered advise that Regulation 13A be repealed was conveyed to the Minister on 3rd November, 1976.

Dr. Marks said she was invited to give a paper on Australia's insect export legislation at the XV International Congress of Entomology held in Washington D.C. in August 1976. Congress adopted a resolution from the Systematics Section "On Scientific Collecting, Exchange and Transfer of Entomological Specimens". Copies of this have been sent in October 1976 to the Minister for Science, the Academy and interested societies. Because the resolution was being variously interpreted, comments on its original intent from participants in the Systematics Section were sent to the Minister in March 1977.

Senator Webster agreed to receive a deputation from the Society and his offer to discuss the matter with anyone who might care to meet him was conveyed to the six other societies seeking repeal of the Regulation. The Entomological Societies of Queensland, of Victoria, and of Australia (N.S.W.), the Royal Zoological Society of New South Wales and The Australian Society for Parasitology, nominated the Society's deputation to represent their views also. On 24th June, 1977, the President, Vice-President and Dr. C.N. Smithers from the Society, and Dr. D.K. McAlpine representing the Linnean Society of New South Wales, had a lengthy discussion with the Minister and his decision on the future of Regulation 13A is awaited.

Mr. G. Gross commented that the type of legislation involved in 13A could be extended into other areas, and Dr. Rice said that the legislation was not in the best interests of Australian science. Mr. Irvine and Mr. V. Salanitri both considered it important to inform the Minister of the view of the AGM on the question of 13A. Mr. Davies suggested that members contact their members of Parliament on the matter, but the President said this had already been done by other groups and societies. In reply to Dr. T.R. New, Dr. Marks said that the Minister had not indicated when he would reply, and Dr. Smithers commented that the Society must formally await the Minister's decision.

It was then moved by Mr. G. Gross, seconded by Dr. R. Domrow:

"That this meeting endorses the action taken by the Society for the repeal of Customs Regulation 13A and directs the Executive to continue to pursue the matter further and to advise the Minister for Science of the meetings resolution."

The motion was carried unanimously.

Fellowship Membership:

Dr. Hooper spoke on a proposal to introduce Fellowship Membership of the Society, and outlined the amendments necessary to the Constitution to permit Fellowship Membership. Mr. Irvine commented that a member making a substantial contribution to the affairs of the Society should also be eligible for Fellowship Membership. Mr. Gross, supported by Prof. P. Miles, was not in favour of Fellowship Membership, since it could be considered as being divisive and suggestive of elitism.

After comments from other members, the President said it was clear the meeting was not of one mind on this subject, and asked the Executive to investigate the matter further and report back to the next meeting in January 1979.

Closure:

There being no further business, the President closed the Meeting at 9.40 p.m.

Report of the Organising Committee for the 10th Annual General Meeting

The 10th Annual General Meeting and the 17th and 18th Council Meetings were held at Wesley College, University of Sydney, from 10th - 13th January. Approximately 60 people attended the AGM and Scientific Session. Twenty-nine papers were presented during the two-day Scientific Session (copies of the Abstracts are available). The Sherry Party, Barbecue, Annual Dinner and Harbour Cruise (although marred by light rain) were well attended. The majority of people enjoyed themselves and welcomed the opportunity to meet fellow entomologists. The Organising Committee made a modest profit (\$200 - \$300) which will in due course be deposited in the Society's coffers.

G.A.C. Beattie

Letter to the Editor:3rd Australian Applied Entomological Research Conference 1979

Criticisms in the letter from R.A.H. Davies (News Bulletin, Volume 14, Part 4) concerning the Third Australian Applied Entomological Research Conference appear to be based on a misunderstanding of the purpose of this conference series. As the name implies it is the third in a series, which has been established as part of the technical conference programme arranged under the auspices of Standing Committee on Agriculture. The meetings therefore deal with topics of agricultural relevance. The SCA Entomology Sub-Committee has the responsibility of nominating the theme for each Applied Entomology Research Conference. The approach, to date, has been to treat a particular theme in some depth rather than to provide a forum for wide ranging discussion of the multitudinous areas of entomological interest.

Such an alternative would, I believe, be impracticable. Furthermore avenues are provided by Universities, Government, Commerce and bodies such as A.E.S. as forums for discussion of specific and often emergent issues. The Applied Entomology Research Conference is not designed to, nor is it claimed to fill such a roll.

A.E.S. members will recall that the two previous conferences dealt with insecticides and insecticide resistance (Newport, 1969) and integrated control (Mildura, 1974) as major themes. I trust that the 1979 meeting will be at least as valuable as the previous highly successful meetings. In the context of present projects in biological control of weeds, lucerne aphids and citrus scales, and the dung beetle programme (to quote only a few) the conference is highly relevant and should attract wide interest and participation. Members might bear in mind that the conference will cover not only classical biological control but also the integration of native and introduced parasites, predators and disease organisms into control systems.

A small point, - the meeting is not a C.S.I.R.O. Applied Entomology Conference as stated by Mr. Davies. The fact that the Conference Group of C.S.I.R.O. is handling arrangements on behalf of Standing Committee on Agriculture does not make the Conference "a C.S.I.R.O. event".

Finally, for the benefit of A.E.S. members I advise that the conference dates have had to be changed as 18th June has been gazetted as a public holiday. The meeting is now scheduled for 11th - 15th June and not for 18th - 25th June as in the initial circular.

(T. Passlow)
Chairman

Organising Committee for 3AAERC

ENTOMOLOGICAL NEWS AROUND AUSTRALIAVICTORIA:Plant Research Institute

Peter Williams has organised a section of an international seminar for developing countries on "Research and its application in the storage of grain and related products in Australia" which will be held at the Plant Research Institute on 1st March. The Seminar is sponsored by the Australian Development Assistance Bureau, most sections will be held in Canberra and organised by the Division of Entomology C.S.I.R.O. The section at P.R.I. will deal with current research in Victoria on grain fumigation and treatment with carbon dioxide for insect control, use of grain protectants, pathology of stored grain and grain handling machinery. The Department of Agriculture's grain insect control program will also be explained to delegates. Speakers at the section will be from the Department of Agriculture and the Grain Elevators Board of Victoria.

Barbara McDougall of the Bendigo College of Advanced Education visited P.R.I. in December to discuss possible student projects with Entomology staff. Terry Amos recently acted as joint supervisor for a project carried out by one of Barbara's students who was successful in gaining a degree of Bachelor of Applied Science (Biochemistry).

Monash University, Zoology Department

George Ettershank has returned from two years study leave in the United States. George and Terry O'Brien are at present interviewing applicants for a post-doctoral fellowship to study animal/plant interactions, this work will probably involve observations on insects in eucalypts.

G. Ettershank, A.A. Calder

NEW SOUTH WALES:Tropical Fruit Research Station, Alstonville

Walter Wright will be commencing his long service leave in February prior to his retirement. Wal has worked for the Entomology Branch for 29 years mainly in the fields of pasture and field crop entomology based at Sydney and Narrabri. In the last 10 years Wal has been involved with studies on insect pests of tropical fruits based at Alstonville on the North Coast.

Agricultural Research Centre, Tamworth

Lawrie Greenup and Neil Forrester were involved in local organisation of an Aphid Workshop held at the Agricultural Research Centre in November. The Workshop had delegates from all states, as well as New Zealand, representing all disciplines involved in the problem of the two exotic aphids, spotted alfalfa aphid and blue-green aphid.

Lawrie has been appointed to the position of Director of Pesticides and Environmental Studies in the Department of Agriculture and will be transferring to Sydney at the end of January. Lawrie has been at Tamworth since 1971 and has been involved in research on insects in field crops with particular emphasis on insecticide resistance in Heliothis.

Division of Entomology, C.S.I.R.O., Armidale

Dr. Richard Soper, Research Leader, USDA located at Ithaca is working with Richard Milner during January to April, 1979, looking at fungal releases for aphid control.

University of New South Wales

Pat Collins, an Honours student last year in Entomology, has now taken up a tutorship in Entomology at the University of Queensland. Pat will be studying for a Ph.D. whilst there.

University of Sydney

Fred McDonald is at present in the United States at Louisiana State University continuing his taxonomic studies. He will return in mid February for the start of the new academic year.

Entomology Branch, B.C.R.I.

Dr. D.J. Williams, Coccidologist at the Commonwealth Institute of Entomology, London, visited the Taxonomy Section on 1st November. He sorted through the Coccoid collection, selected material to borrow and discussed several problems concerning mealybug and scale taxonomy with Eberhard Schicha and Mostafa Elshafie.

Trevor Trought, Ministry of Agriculture and Fisheries, New Zealand, visited the Branch in November. He and Peter Walters visited various centres throughout New South Wales in connection with lucerne aphid investigations.

Eberhard Schicha spent four weeks in New Caledonia during November/December at the request of the French Government. The purpose of Eberhard's trip was the collection and identification of predaceous mites in New Caledonia.

Stephen Sexton, Plant Research Institute, Burnley, visited on 7th - 13th November for the conduct of collaborative field trials with Graeme Baker against the wingless grasshopper, Phaulacridium vittatum, using the pathogen Nosema locustae.

Max Casimir, Peter Walters, Lawrie Greenup and Neil Forrester attended the SCA Lucerne Aphid Workshop held at the Tamworth Agricultural Research Centre from 27th - 30th November. The Workshop was attended by workers from all States, and New Zealand. The chemical and lucerne seed industries were also represented. Discussions over the four days considered progress during the first eighteen months of exotic lucerne aphids in this country. The opportunity was taken for workers in several disciplines to discuss developments.

Dr. W. Spillman from Zug, Switzerland, visited the Taxonomy Section on 18th and 21st December to examine the collection and to discuss, with officers of the Section, collecting sites for Chrysididae and micro-lepidoptera.

Peter Williams, Plant Research Institute, Burnley, visited Barry Wallbank on 9th January to discuss developments in stored grain protectants and observe grain protectant trials in progress at the Wellcome Australasian field station, St. Marys.

Paul Hughes has been awarded a post-graduate scholarship and an overseas travel grant by the Australian Wool Corporation. His project, a study of resistance mechanisms in the sheep blowfly, Lucilia cuprina, will be undertaken at Rothamsted Experimental Station, England, under the guidance of Drs. Sawicki and Devonshire, and will commence in September 1979.

C.S.I.R.O. Kooyong Field Station

Ms. Violeti Taefu from West Samoa spent two months from late October at the Kooyong field station studying various aspects of biological control.

Geoff Snowball and Wendy Milne attended the SCA Lucerne Aphid Workshop which was held at Tamworth Agricultural Research Centre from 27th - 30th November.

Forestry Commission

Phil Hadlington and Jenny Carter encountered heavy infestations of phasmids in the Jenolan Caves area in January. They expect substantial defoliation to result from these infestations.

Ted Taylor and Jenny Carter visited the Sherbrooke Research Station (Forest Commission of Victoria) to examine the potential of wasp and nematode parasites of Sirex noctilio. They then visited Mansfield, Beechworth and Myrtleford in north-east Victoria to examine sirex infested Pinus radiata plantations.

G.A.C. Beattie, L.R. Greenup,
and D.R. Smith

TASMANIA:

A meeting of the Tasmanian branch was held in Hobart on 5th December. Members present heard an address by Mr. Piers Allbrook on "The Aeshnidae (Odonata) of Australia". Mr. Allbrook is a Ph.D. student in the Zoology Department, University of Tasmania.

Department of Agriculture

A widespread and occasionally serious outbreak of native bud worm, Heliothis spp., and brown cutworm, Agrotis munda Walk. is continuing. A wide range of crops including, apples, sweet corn, peas, tick beans, lucerne, poppies and mint have been attacked. Difficulties have been experienced in obtaining control of infestations, especially with aerial application.

Peter MacQuillan recently spent time at C.S.I.R.O. Division of Entomology, Canberra, where he was working with Ian Common. Peter is studying the taxonomy of Ennomine Geometridae and Oecophoridae. While in Canberra, Peter also had discussions with Phil Carne on Melolonthine larval taxonomy and collected in the Brindabella Ranges with Drs. Common and Edwards.

M.A. Williams

WESTERN AUSTRALIA:

Dr. R. Konig, Zoological Institute, Kiel, West Germany, visited the W.A. Museum concerning spiders and various groups of parasitic Hymenoptera.

Dr. Arturs Neboiss, National Museum of Victoria, also visited the Museum with reference to his interest in Trichoptera. Mr. Max Moulds of New South Wales called in to the Museum to discuss the local cicada fauna.

Michael Gray of the Australian Museum, Sydney, is currently in Western Australia collecting certain spider families. Prior to his collecting trip, he visited specialists at the Museum and at W.A.I.T.

Penelope Greenslade, S.A. Museum, has mostly visited Perth to discuss Collembola taxonomy and ecology with staff at C.S.I.R.O., W.A.I.T. and the W.A. Museum. The remainder of her trip was taken up collecting Collembola at H. Womersley's type localities.

Prof. Hugh Paterson, University of Witswatersrand, briefly returned to Western Australia to look for mosquito larvae from littoral rock pools. He has taken these larvae to Canberra, where he is on a three month fellowship, for further chromosome studies. Hugh also spent some time visiting staff at the Zoology Department of the University of Western Australia and at the Department of Agriculture.

J.D. Majer

AUSTRALIAN CAPITAL TERRITORY:

Rev. Bede Lowery returned late last year from a four-month visit to the Philippines (Luzon, Mindanao and Palawan Islands) and Sabah. This was primarily to attend an ecclesiastical conference in Luzon, but with his usual energetic initiative Bede was able to extend the visit to allow the collection of about 2,000 samples of ants, which have been deposited in the ANIC. The Sabah visit was an unexpected bonus made possible by the generosity of the Bishop there. Dr. Tay Eong Boek, a foundation member of AES, previously at the University of Queensland, gave Bede his typical generous support at Kota Kinabalu, the like of which has been enjoyed by several members of the Society in visits to Sabah.

C.S.I.R.O., Division of Entomology

From 19th - 22nd February, and on 2nd March the Division hosted participants in an International Seminar on Grain Storage Research and its Application in Australia. This was conducted by C.S.I.R.O. for the Consultative Committee on Research and Development, the Advisory Body on Science and Technology and the Australian Development Assistance Bureau, and was chaired by Dr. Doug Waterhouse with Dr. Bruce Champ as convenor. Twenty-three overseas visitors represented Bangladesh, India, Indonesia, Malaysia, Nepal, Pakistan, the Philippines, Sri Lanka, Thailand, F.A.O. and SEARCA.

Other recent overseas visitors have included Miss Violeti Taefu from Western Samoa and Dr. Floyd Smith, a veterinarian in the U.S. Screw-worm project.

Dr. Tom Grace has taken up the position of Counsellor (Scientific) with the Australian Embassy in Tokyo, departing for Japan on 26th February.

The Taxonomy Group has attained its full current strength with the return in January of Dr. Ian Naumann (Curator of Hymenoptera) following nine months' overseas on post-doctoral studies on Parasitica. Ian spent six months at the British Museum, London, studying chalcids with Zdenek Boucek and three months at the Biosystematics Research Institute, Ottawa, for a taste of winter, and work with Lubomir Masner, on proctotrupoids. Ian was able to visit a number of institutions in Europe and North America, and returned via Auckland.

Mary Carver, well-known for her work on aphids, has moved to Canberra from Adelaide and is working in the Division as an Honorary Associate with the ANIC.

Dr. Tony Watson visited the International Centre of Insect Physiology and Ecology, in Nairobi, Kenya during mid-February as a consultant on their general programme and work on termites.

The C.G.L. Gooding Collection of Lepidoptera and Coleoptera

The extensive collection of Lepidoptera and Coleoptera made over a period of 68 years by Mr. C.G.L. Gooding of Moe, and more recently of Warragul, Victoria, has just been donated to the Australian National Insect Collection in Canberra. The collection is housed in some 750 store boxes and includes some 75,000 specimens. Most of the Australian part of the collection was made in Gippsland, in areas which have long since been cleared for agriculture and forestry. The collection is rich in Hepialidae, a family in which Mr. Gooding specialized, and features long series of comparatively rare species originally described by Dr. N.B. Tindale from Gippsland material collected by Mr. Gooding. In recent years extensive collecting by Mrs. Margaret Coulson (Mr. Gooding's daughter) and Mr. Gordon Coulson have contributed greatly to this fine collection of Hepialidae. A percentage of the collection is exotic, built up over many years by exchange with collectors in several areas of the world. The Coleoptera in the collection include a large representation of Australian Buprestidae.

The specimens are in excellent condition, well-mounted, well preserved and properly labelled. The collection is a welcome addition to the ANIC and will provide much valuable data for the study of the insect fauna of Gippsland.

R.W. Taylor

SOUTH AUSTRALIA:Waite Agricultural Research Institute, Entomology Department

Mr. Chris Mercer, Senior Technical Officer, Division of Entomology, D.S.I.R., New Zealand, visited the Department on 2nd August, 1978. Mr. Mercer, whose special interest lies in the pathology of scarabaeidae, studied the Department's insect collection and had discussions with various staff members and post-graduate students.

Dr. Douglas Williams of the Commonwealth Institute of Entomology, British Museum, visited the Department from 12th - 17th October as part of his Australian tour.

Dr. V. Arnold Dyck, Entomologist, International Rice Research Institute, Los Banos, Laguna, the Philippines, visited the Department from 13th - 16th October.

Prof. R.J. Lavigne arrived at the Waite Institute on 14th November, 1978. Prof. Lavigne, who is Chairman of the Entomology Section, Plant Science Division, in the University of Wyoming, U.S.A., is spending six months' sabbatical leave in the Department of Entomology, studying the potential for using 'robber' flies in an integrated insect control program. Prof. Lavigne is accompanied by his wife and two teenage children.

Mr. Andre Beekman, from the Agricultural University at Wageningen, the Netherlands, arrived at the Waite Institute on 14th August, 1978, to do a practical study in insect ecology in the Entomology Department, as part of his University's requirements for the Master's degree.

Dr. Dudley Pinnock arrived from the University of California at Berkeley, where he was an Associate Professor, to take up his appointment as Utah Foundation Reader in Insect Pathology in the Department of Entomology. Dr. Pinnock is accompanied by his wife, Carole, and two children.

Mr. K.M. Doull, who retired from his position as Senior Lecturer in Entomology on 31st December, 1978, was farewelled by friends and colleagues at a dinner party held in the Waite Staff Club at Urrbrae House.

Dr. Mary Carver left the Department in December 1978 to accompany her husband, Prof. John Carver, who has been appointed Director of the Research School of Physical Sciences, Australian National University, Canberra. We understand Dr. Carver has been offered space and facilities in the Division of Entomology, C.S.I.R.O., to enable her to continue her research work.

Department of Agriculture & Fisheries
Loxton Research Centre

Dr. "Mick" Julien from the Long Pocket Laboratories, C.S.I.R.O., Brisbane visited the centre on 24th August, 1978 on one of his routine trips inspecting sites where Apion antiquum has been released on the weed Emex australis.

Geoff Furness gave a seminar on the phytotoxicity of spraying oils to citrus at the Irymple Research Centre, Victoria on 7th September, 1978.

Greg Buchanan, Plant Research Institute, Irymple, gave a seminar at Loxton on Grape Phylloxera on 11th September, 1978. Gary McDonald also from Irymple gave a seminar on mosquitoes and mosquito control on 23rd October, 1978.

Dr. Douglas Williams of the Commonwealth Institute of Entomology, British Museum and Miss Helen Brookes, Waite Agricultural Research Institute visited Loxton on 16th October, 1978. Their interests were scale insects and mealybugs on citrus and native plants.

Dr. Derek Maelzer and Geoff Furness visited Barham in New South Wales with Ron George, Biological Services, Loxton, to look at properties where Ron is releasing Aphytis melinus parasites commercially for the biological control of California red scale on citrus. The parasites are flown across and released in the orchards, all in one day.

G.O. Furness

PAPUA NEW GUINEA:

Graham Young reports that his trip to Mexico and the West Indies late last year was both stimulating and worthwhile. He visited Cymmit, a corn research centre outside of Mexico City, and in Trinidad he stopped at the C.I.B.C. where he was interested in the potential parasites of important insect pests in the Markham Valley and in particular, the parasites of Nezara viridula.

Jim Arnold, who was working at the C.S.I.R.O. screw worm fly project at Kila Kila, returned to Canberra before Christmas. Alison Pound, who was assisting Jim on a part time basis, leaves the unit this week. Other work on the project includes a three month study of larval development in both hosts and artificial media by Mr. Raymond Paru, a U.P.N.G. student. Bob Tozer and Phil Spradbery have been conducting population studies at Sofia and Good Enough Is. as a preliminary to trial eradication experiments planned for the next three to four years. Recently Dr. Floyd Smith, screw worm specialist from U.S.D.A., Dr. Bill Deering from Australian Bureau of Animal Health and Dr. John Walthall from Department of Primary Industry, Queensland, have been visiting the unit to evaluate the screw worm problem in Papua New Guinea.

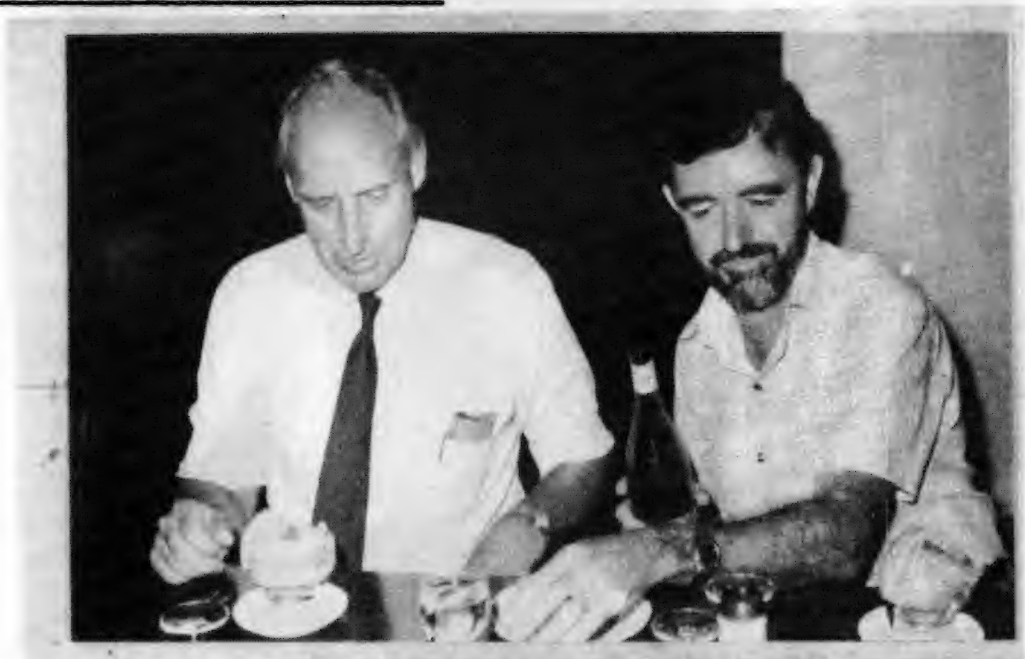
Prof. Philip Entwistle from Unit of Invertebrate Virology, Oxford, visited Papua New Guinea during November-December of last year. He visited Brian Thistleton at Kuk Tea Research Station to discuss microbial control of vegetable insect pests and in particular to advise on the possible introduction of the granulosis virus of Plutella xylostella. He also went to Lowlands Agricultural Experimental Station (LAES) in Kerebat where he held useful discussions with Barbara Gorick on the Baculovirus of Oryctes research programme. He advised Barbara on several valuable techniques and in particular on the use of Baculovirus antiserum to detect the virus in Oryctes and Scapanes tissue. While at LAES Prof. Entwistle also gave a talk on the use of viral diseases in the control of Cocoa insect pests.

Peter Annis from Stored Grains Research Laboratory, Canberra, visited Papua New Guinea in December to investigate the fumigant effect of CO₂ against snails. While here he assisted Jan van Someren Greve with the CO₂ fumigation of containerised copra at Lae. This technique will also be used for containers of cocoa, coffee and chillis. It was with regret that we said good-bye to Jeff Stibick in December. Jeff planned to visit Australia prior to going to Florida, U.S.A.

E.J. Brough

10th ANNUAL GENERAL MEETING AND SCIENTIFIC MEETING
Sydney University, 10th - 12th January, 1979

Members at Annual Dinner



Presidential Candidates: Courtenay Smithers and Bob Taylor.



Stephen Simpson, Andrew Molyneux (Student Award Winner) and Craig Eiseman.



Chairman of Organising Committee and wife:
Andrew and Elin Beattie.

Photography: Vince Salanitri

LATE ANNOUNCEMENT

Laurie Greenup has informed the Executive that he will submit a letter of resignation from the office of Regional Councillor because of work commitments resulting from his recent promotion. Consequently there is now no need to hold an election for New South Wales Councillors and Mr. D.R.J. Smith, C.S.I.R.O. Division of Applied Organic Chemistry, c/o School of Zoology, University of New South Wales, Borel, Kensington, N.S.W., 2033, is duly elected.

Regulation 13A

Despite the attempts by our Society, the representatives of many individuals and the expressed opinion of other major scientific societies and organisations, including the Australian Academy of Sciences, the entomological world is still burdened with Regulation 13A.

As instructed at the 9th Annual General Meeting (Melbourne, 25th August, 1977) efforts to have it repealed have continued. A meeting was held on 24th October, 1978 at which the Society's views were again put to officers of the Department of Science and representatives of other interested organisations, including C.S.I.R.O. As a result of the discussions it was agreed that recommendations should go to the Minister that, if immediate repeal was not to be made, a study should be made of the effectiveness of the Regulation, that there should be a review of the matter following the study and that pending completion of the review the guidelines should be amended.

I have since been informed that the Minister of Science is of the view that any argument for repeal should be so obvious that any detailed assessment should be unnecessary; as a result of this the guidelines would be amended. I would point out that the recommendations came from a meeting of those in favour and those opposed for the Regulation, it seems remarkable that the Minister has decided to make a decision before the recommended assessment of effectiveness has been carried out.

The information and opinions already presented to the Minister do, indeed, provide an argument so obvious that the Regulation should be repealed immediately. It would seem that the Minister has received advice contrary to both the recommendations of the meeting and the clearly expressed opinion of major scientific bodies.

At the 10th Annual General Meeting (January, 1979) the Executive of the Society was again instructed to continue its efforts to have the Regulation repealed. This it will do.

The Regulation has been discussed at length in past issues of this Bulletin and in other scientific journals, the history of events leading to its promulgation, the Regulation itself and its effects have been discussed by Dr. Marks in Entomologica scandinavica 9 : 172-177 (1978). Every entomologist should take the trouble to become familiar with the contents of that paper. We must continue to work for repeal of the Regulation.

C.N. Smithers

Second World Wilderness Congress

The Congress will be held in Cairns, Queensland, 9th - 13th June, 1980.

The principal objectives of the Congress are:

1. To establish a world-wide understanding of the need for wilderness areas.
2. To provide a platform for statesmen, scientists, artists, writers, poets, and indigenous people from many parts of the world who have a profound understanding of the wilderness concept.
3. To enable the general public to understand that industrial and commercial growth must go hand in hand with the setting aside of more wild and natural areas.
4. To persuade the administrators of all nations that there is inadequate legislation governing the control and establishment of wilderness areas.

Members interested in receiving further information about the Congress, should write to:

P.O. Box 111, Broadbeach, Queensland, 4217, or
P.O. Box 102, Manunda, Cairns, Queensland, 4870.

Addresses Unknown

Would any person knowing the current addresses of the following members please contact the Secretary:

Ms. P.G. Muir - formerly of Rockhampton, Queensland.
 Dr. W.W.C. Ma - formerly of St. Lucia, Queensland.
 Mr. D.S. Lester - formerly of Coogee, New South Wales.
 Mr. T.J. Hawkeswood - formerly of Glenbrook, New South Wales.
 Mr. Thein Tan - formerly of Ashbury, New South Wales.
 Mr. D.C. Lake - formerly of Unley Park, South Australia.
 Mr. I.J. Lewis - formerly of Lismore, New South Wales.
 Mr. G. Ellis - formerly of Taroona, Tasmania.
 Mr. G. Griffith - formerly of Armidale, New South Wales.

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